



Applicant: Cooper, J. Carl Examiner: Rao, S.
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Invention: IMPROVED PROGRAM VIEWING APPARATUS AND METHOD

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COMMISSIONER OF PATENTS
AND TRADEMARKS
Washington, D.C. 20231

D I S C L O S U R E

Dear Commissioner:

In the 1991 time period the applicant was aware of a RAM based digital cache recorder for post-production work of video data. The data in RAM (764 MEG - about sixty-nine seconds worth) could be edited as if four separate video recorders were connected via a Sony serial communications protocol (to fit into then existing post production final editing operations). This included the generation of complex composite video sequences, frame rate conversion, moving video data, time code processing, phase processing and the like. (The horizontal blanking and vertical sync were both stripped from the data prior to RAM.) The unit was intended for the editing the active portions of short video segments like TV

commercials. No audio was provided. Video transport functions were provided (record, playback, variable speed play, jog and shuttle). The unit could not record and playback simultaneously. Motion correction for playing was provided by inserted preamble and blanking data. Slave and secondary SCSI interface storage units could be utilized if additional "real" clips were needed.

There was a showing of a quasi working early prototype of device at a National Association of Broadcasters convention sometime 1991-1992. The device itself did not go much further for problems including color sub-carrier and sync difficulties.

Respectfully submitted,

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